

Programming_Functions_2

Problems

- 1: Given a decimal number and a bit location – provide the associated binary bit
(35, 2) should provide the value 0
- 2: Given a decimal number and a decimal location – provide the associated decimal number
(1234, 2) should provide the value 3 – note, in decimal we start counting places at 1
- 3: You're working for Amazon. They need to calculate the correct box size for a given item.
The w, l, and h of the item is provided along with the thickness of the required padding.
Their box manufacturer provides boxes in 3" increments of W, L, H
Their padding manufacturer provides padding in 1" increments
(3.5, 4.5, 5.5, 1) should provide (6, 9, 9) for the box